## **Model Solution with Bargained Prices**

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Surplus shaving in transaction i Pi - (1-B) (1+ 7(r)) p All transadino are same : pi = p Ja alli Sen plus sharing be comes, 1- (1-3) [1+7(2)] T(n) - 1 - 1 - p

1- B

Tightness

under surples

sharing We know that & is given by AD - AS  $\gamma^d(x, p) = \gamma^s(x)$ Pru punder surplus shaving is such yd (T(p/1-p),p)- ys(T'(p/1-p/) -> un'que p that parisfix this condition -) aggregate bargarhed price  $\gamma^{d}(\chi, \rho) = \frac{\chi^{\xi}}{(1+z)^{\xi-1}}$ 

=> yd ( 7-1/B/1-B), p) - X & [1+ B/1-p] \( \frac{1}{p} = XE [1/1-15]2-1 P 7 (7-1/p),p) = X = (1-p) = 1 ~5(T-1(B/1-B))= f(Z-1(B/1-B))- B P - X . N x (1-B) 2-1

{(T-1(B/1-B)) Price man capturing surplus obraving